

**AMENDMENTS TO THE TITLE:**

Please replace the title with the following amended title:

Print Processing of ~~Compressed Noisy~~ Images

**AMENDMENTS TO THE SPECIFICATION:**

Please replace paragraph beginning at page 8, line 3 with the following amended paragraph:

The specific approximation used in building the estimation/prediction models for the red and blue channels from the green channel is the observation that if each color channel is thought of as defining a two-dimensional surface over pixel locations, in a small neighborhood of a pixel, the surface profiles may be related to each other via simple linear maps. At a given pixel location  $(x, y)$  let  $f_{x,y}^{Red}$  and  $f_{x,y}^{Blue}$  be maps that relate the green color channel to the red and blue channels, respectively. If  $f_{x,y}^*$  is linear, it is fully specified by two parameters,  $\alpha$  and  $\beta$ , where  $\cancel{f_{x,y}^* : t \rightarrow \alpha t + \beta} \quad \underline{f_{x,y}^* : t \rightarrow \alpha t + \beta}$ . The parameters  $\alpha$  and  $\beta$  may be determined locally at each location using a least-squares algorithm over color data defined in a small neighborhood around the location.